Under the Panerwork Reduction	on Act of 1995, no nersons are rec	ruired to re-			rademark Offic	ce; U.S	S. DEPARTMENT OF			
			ired to respond to a collection of information unless it displays a valid OMB control number Attorney Docket No. YU-P03-008							
UTILITY		First In	vento	Lisa P	fefferle					
PATENT APPLICATION TRANSMITTAL			GROWTH OF NANOSTRUCTURES WITH CONTROLLED DIAMETER							
(Only for new nonprovisional applications under 37 CFR 1.53(b))			ss Mail	Label No.	EV3012	1063	S5US	<u> </u>		
					<u> </u>			- 60. −		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application cont			ADDRESS TO: Commissioner for Patents -							
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)			7. [or CD-R in du Program (Ap)		, large table or)	1,55		
Applicant claims sma	Applicant claims small entity status			8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
3. X Specification										
(preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention			b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS							
Brief Summary of the Invention Brief Description of the Drawings (if filed)			9.	Assignme	nt Papers (co	ver she	eet & document(s))			
- Detailed Description - Claim(s) - Abstract of the Disclosure			10. 37 CFR 3.73(b) Statement Power of Attorney							
4. X Drawing(s) (35 U.S.C	C. 113) [Total Sheets	6]	11.	—,`	•	•	(if applicable)			
Oath or Declaration	[Total Sheets	4 1	12.		n Disclosure t (IDS)/PTO-1	449	Copies of IDS			
a. X Newly executed (original or copy)			13. Preliminary Amendment							
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.							
			17.	Other:						
6. Application Data She			h . 45			ما ام ال	- f44			
	CATION, check appropriate box dication Data Sheet under 37 CF		ly the n	equisite intorma	ition below an	a in th	e first sentence of th	e specification		
Continuation Divisional X Continuation-in-part			CIP) of prior application No.: 10/328857							
Prior application information		et Assig			Art Unit:	_	N/A			
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.										
	19. CO	RRESPO	NDEN	CE ADDRES	SS					
X Customer Number:			28120)	OR		Correspondence add	tress below		
ROPES & GRAY LLP Edward J. Kelly										
Address One Inte										
City Boston State			MA Zip Code 02110-2624							
		elephone	(617	(617) 951-7000 Fax (617) 951-7050			50			
Name (Print/Type) Wolfgang E. Stutius			Registration No. (Attorne			ent)	40,256			
Signature Pollage A		1		_	Date	,	December 2, 2003			

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV301210635US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Signature:



PTO/SB/17 (10-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are requi	100 101	espona t							
FEE TRANSMITTAL	ŀ				Complete if Known				
	Application Number		Numbe						
for FY 2004	Filing Date				December 2, 2003				
Effective 10/01/2003, Patent fees are subject to annual revision.	ļ	First Named Inventor							
	┈	Examiner Name			Not Yet Assigned				
x Applicant claims small entity status. See 37 CFR 1.27	Art Unit				N/A				
TOTAL AMOUNT OF PAYMENT (\$) 547.00		Attorney Docket No. YU-P03-008							
METHOD OF PAYMENT (check all that apply)	L	FEE CALCULATION (continued)							
Check Credit Money Other None	3. A	DDITIO	DNAL	FEES					
Check Card Other Other 3. ADDITIONAL FEES									
X Deposit Account:	Lame	Entity	Small	Entity					
Deposit Account 18-1945	Fee	Fee	Fee	Fee	Fee Description				
Number	Code	(\$)	Code	(\$)	Fee Paid				
Deposit Account Ropes & Gray LLP	1051	130	2051	65	Surcharge – late filing fee or oath				
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.				
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification				
	1812	2,520	1812		For filing a request for ex parte reexamination				
X Charge any additional fee(s) or any underpayment of fee(s)					Requesting publication of SIR prior to				
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner action				
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251	110	2251		Extension for reply within first month				
1. BASIC FILING FEE	1252	420	2252		Extension for reply within second month				
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid	1253	950	2253		Extension for reply within third month				
Code (\$) Code (\$)	1254	1,480	2254		Extension for reply within fourth month				
1001 770 2001 385 Utility filing fee 385.00	1255	2,010	2255		Extension for reply within fifth month				
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee	1401	330 330	2401 2402		Notice of Appeal Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403	290	2403						
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 385.00	1452	110	2452	55	Petition to revive – unavoidable				
30B101AE(1) (0) 300.00	1453	1,330	2453	665	Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,330	2501	665	Utility issue fee (or reissue)				
Claims below Fee Paid	1502	480	2502	240	Design issue fee				
Total Claims 38 -20** = 18 x 9.00 = 162.00	1503	640	2503	320	Plant issue fee				
Independent 2 -3** = x = 0.00	1460	130	1460		Petitions to the Commissioner				
Multiple Dependent	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt Recording each patent assignment per				
Fee Fee Fee Fee Fee Pee Code (\$)	8021	40	8021	40	property (times number of properties)				
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))				
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be				
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	examined (37CFR 1.129(b)) Request for Continued Examination (RCE)				
over original patent	1802	900	1802	900	Request for expedited examination				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			l	500	of a design application				
<u> </u>		fee (spe		ling Co-	Paid SUBTOTAL (3) (\$) 0.00				
SUBTOTAL (2) (\$) 162.00 **or number previously paid, if greater, For Reissues, see above	Kedi	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00							
SUBMITTED BY			(Complete (if applicable))						
Name (Print/Type) Wolfgang E. Stutius	Registration No. 40.256				Telephone (617) 951-7681				
0	Attorn	ey/Agent,	1.5	,					
Signature Date December 2, 2003									
		_							
I hereby certify that this correspondence is being deposited	with th	ne U.S.	Postal	Servic	e as Express Mail, Airbill No. EV301210635US.				
in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the									

(Joanne Ryan)